

CHAPTER EIGHT

SUMMARY OF QUANTITIES IN PLANS

SUMMARY OF QUANTITIES SHEET (NUMBER 3 SHEET)

8-1

The Summary of Quantities Sheets include an item number, section number, quantity, unit and item description for all roadway items.

DRAINAGE ITEMS

8-2

Drainage items are summarized on standard summary sheets, which outline detailed drainage information. The Drainage Summary Sheets and the Summary of Quantities Sheets will include alternative types of pipe for cross drains under low type pavement. (High type pavement is any Portland cement concrete pavement, or any asphalt concrete pavement at least 2" thick.)

For driveway pipes not over 24" in diameter, use side drainpipes. Section 310 of the 2002 Spec. Book adequately covers this situation.

When listing the item for plain concrete pipe, it will not be necessary to show the class of pipe. For reinforced concrete pipe, always show the class of pipe. For coated corrugated steel pipe, always show the thickness and type of pipe. For non-coated corrugated steel pipe show the thickness of the pipe only. The size of pipe must always be shown for each pipe item.

For cross drains under high type pavement and special situations, the Hydraulics Unit will provide pipe classifications.

For pipe collars, the summary of quantities should show the quantities and locations. Showing pipe collars on plan sheets will not be necessary.

The persons responsible for preparing and checking the Drainage Summary Sheets shall sign and date them in the upper left corner.

Pipe removal is included on the Drainage Summary Sheets.

For additional information necessary in showing drainage on the plans, see Part I, Chapter 5 of this manual.

It is necessary to show a separate summary for the items listed below.

On projects with shoulder drain locations, a shoulder drain summary should be made. Fence summary should be made for urban projects. Separate summaries are shown for earthwork, guardrail, guiderail, pavement removal, and breaking of existing pavement.